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UNITED STATES DEPARTMENT OF AGRICULTURE  
Rural Electrification Administration  
Washington 25, D. C.

GENERAL CONSTRUCTION  
BULLETIN NUMBER 167

August 5, 1949

PART I  
APPROVED CONSTRUCTION CONTRACTS  
AWARDED BY REA BORROWERS

Alabama 26L Barbour: Pea River Electric Cooperative, P. O. Box 211, Ozark, Ala., to G. R. Wood and Company, 711 Virginia Ave., Mobile, Ala., \$242,841.20 for the construction of 251 miles of line to serve 439 members. Engineer (1) last page. PLEASE NOTE: NAMES AND ADDRESSES OF SYSTEM ENGINEERS are furnished on the last page of this bulletin. All numbers shown in ( ) space are keyed to like numbers on the address list, last page.

Arizona 14L Cochise: Sulphur Springs Valley Electric Cooperative, Inc., Willcox, Ariz., to Dykes Construction Co., 2502 W. Jackson, Phoenix, Ariz., \$41,048.15 for the construction (labor only) of 123.5 miles of line to serve 150 members.

California 6M&N Modoc, Section I: Surprise Valley Electrification Corp., Box K, Alturas, Calif., to Del Monte Electric Co., 3275 San Leandro St., Oakland 3, Calif., \$256,235.00 for the construction of 117.6 miles of line to serve 122 members, plus the conversion of 31.6 miles of line. Engineer (2).

Georgia 78G Habersham: Habersham Electric Membership Corp., Clarkesville, Ga., to Chatham-Walker, Inc., 1420 Peachtree St., N. W., Atlanta, Ga., \$214,919.74 for the construction of 198 miles of line to serve 474 members, plus the conversion of 17.5 miles of line. Engineer (3).

Georgia 95G Clinch: Slash Pine Electric Membership Corp., Homerville, Ga., to the Keadle Brothers Co., Camilla, Ga., \$187,916.15 for the construction of 128.9 miles of line to serve 162 members, plus the conversion of 61.4 miles of line. Engineer (4).

Georgia 96H Pickens, Sect. I: Amicalola Electric Membership Corp., Jasper, Ga., to Roy Richards Construction Co., Carrollton, Ga., \$285,359.29 for the construction of 233.3 miles of line to serve 600 members, plus the conversion of 12.9 miles of line. Engineer (5).

Iowa 26L Shelby: Nishnabotna Valley Rural Electric Cooperative, Harlan, Iowa to Evans Construction Co., Early, Iowa, \$197,502.45 for the construction of 146 miles of line to serve 320 members, plus the conversion of 7 miles of line. Engineer (6).

Iowa 56H Poweshiek: T. I. P. Rural Electric Cooperative, Brooklyn, Ia., to Superior Electric Co., 116 S. Superior St., Appleton, Wisc., \$339,921.06 for the construction of 287.2 miles of line to serve 534 members, plus the conversion of 14 miles of line. Engineer (7).



Iowa 77L Davis: Southern Iowa Electric Cooperative, Inc., Bloomfield, Ia., to Hoak Construction Co., 621 63rd St., Des Moines, Ia., \$105,987.30 for the construction (labor only) of 341 miles of line to serve 735 members. Engineer (8).

Kansas 7K,L,M&N Jewell: Jewell-Mitchell Cooperative Electric Co., Inc., Ionia, Kans. to A. F. Reis, Contractor, 702-4 National Bank Bldg., Topeka, Kansas, \$135,188.75 for the construction (labor only) of 566 miles of line to serve 714 members. Engineer (9).

Kansas 28G&H Norton, Section I: Norton-Decatur Cooperative Electric Co., Inc., Norton, Kans., to J. R. Foree, 302 National Bank of Topeka, Topeka, Kans., \$101,744.97 for the construction (labor only) of 443 miles of line to serve 465 members. Engineer (9).

Kentucky 27N Boyle: Inter-County Rural Electric Cooperative Corp., Danville, Ky., to Real Electric Co., 1701 Triplett St., Owensboro, Ky., \$92,483.51 for the construction of 75.7 miles of line to serve 260 members. Engineer (10).

Louisiana 7M Grant: Valley Electric Membership Corp., Inc., Natchitoches, La., to R. D. Cooper Construction Co., P. O. Box 1763, Baton Rouge, La., \$184,115.83 for the construction of 179.17 miles of line to serve 569 members.

Louisiana 20L Concordia: Concordia Electric Cooperative, Ferriday, La., to R. D. Cooper Construction Co., Ferriday, La., \$167,625.66 for the construction of 154.56 miles of line to serve 304 members. Engineer (11).

Minnesota 82L Becker, Section I: Wild Rice Electric Cooperative, Inc., Mahanomen, Minn., to Swift Electric Co., Wheaton, Minn., \$296,249.15 for the construction of 261 miles of line to serve 420 members. Engineer (12).

Mississippi 22L&N Leake: Central Electric Power Association, Carthage, Miss., (2 contracts). Section I: to Crews and Ward Construction Co., Columbia, Miss., \$133,408.50 for the construction of 125 miles of line to serve 445 members; and Section II: to William H. Alsup and Associates, Inc., Barnett-Madden Bldg., Jackson, Miss., \$134,508.23 for system improvements consisting of 26.85 miles of new line construction plus the conversion of 63 miles of line. Engineer for both sections (13).

Mississippi 23T Copiah: Southwest Mississippi Electric Power Association, Lorman, Miss., to Crews and Ward Construction Co., Columbia, Miss., \$300,179.71 for the construction of 290 miles of line to serve 824 members, plus the conversion of 23.5 miles of line. Engineer (13).

Mississippi 45P Clarke-Lauderdale: East Mississippi Electric Power Association, Meridian, Miss., to Irby Construction Co., 817 South State St., Jackson, Miss., \$253,801.21 for the construction of 196.27 miles of line to serve 700 members, plus reconductoring on 39.8 miles of line. Engineer (14).

Missouri 18Fl,M&P Texas: Intercounty Electric Cooperative Association, Licking, Mo., to Reinhart & Donovan, 116 N.W. First St., Oklahoma City 2, Okla., \$588,954.02 for the construction of 389.5 miles of line to serve 1018 members plus installation of conductor, transformers & services on 112 miles of line. Engineer (15).



Missouri 28R Barton: Barton County Electric Cooperative, Inc., Lamar, Mo., to E & C Contracting Co., Paoli, Ind., \$174,033.27 for the construction of 117.4 miles of line to serve 169 members, plus the conversion of 29.5 miles of line. Engineer (15).

Missouri 37L&M Bates: Osage Valley Electric Cooperative Association, Butler, Mo., to Berger Construction Co., Higginsville, Mo., \$167,886.86 for the construction (labor only) of 426 miles of line to serve 861 members, plus the conversion of 14.5 miles of line. Engineer (15).

Missouri 38El Reynolds: Black River Electric Cooperative, Inc., Ironton, Mo., to R & M Construction Co., P. O. Box 182, Ottawa, Kans., \$74,791.65 for the construction (labor only) of 178.5 miles of line to serve 370 members, plus the conversion of 7.5 miles of line. Engineer (15).

Missouri 49M Howell: Howell-Oregon Electric Cooperative, Inc., West Plains, Mo., to Hufford & Kyger, 1810 E. 47th St. Terrace, Kansas City, Mo., \$28,975.00 for the construction of three substations. Engineer (15).

Missouri 68C Pulaski: Gascoosage Electric Cooperative, Dixon, Mo., to L. P. & H. Construction Co., Linton, Ind., \$41,644.95 for the construction (labor only) of 114 miles of line to serve 275 members. Engineer (16).

Nebraska 44 S,U&V Eastern, Section I: Eastern Nebraska Public Power District, Syracuse, Nebr., to Davidson & Ford Co., 3424 S. 60th St., Omaha, Nebr., \$249,074.38 for the construction of 202.75 miles of line to serve 415 members. Engineer (6).

Nebraska 76Z Southern, Section II: Southern Nebraska Rural Public Power District, Grand Island, Nebr., to W. H. Griffin, Spencer, Nebr., \$126,662.56 for the construction of 128.9 miles of line to serve 219 members. Engineer (9).

Nebraska 82A Furnas, Section III: Twin Valleys Electric Membership Association, Inc., Cambridge, Nebr., to M & M Electric Construction Co., 1000 Federal Reserve Bank, Kansas City, Mo., \$71,631.47 for the construction (labor only) of 143.4 miles of line to serve 154 members. Engineer (17).

Nebraska 85BII and D Holt: North Central Nebraska Rural Public Power District, Creighton, Nebr., to M & M Electric Construction Co., 1000 Federal Reserve Bank, Kansas City, Mo., \$48,836.50 for the construction (labor only) of 184.6 miles of line to serve 242 members. Engineer (9).

Nebraska 86B&C Dundy, Section I: Southwest Electric Membership Corp., Palisade, Nebr., to Lindsey Construction Co., 115 16th Ave. N., Nashville, Tenn., \$435,837.38 for the construction of 436 miles of line to serve 534 members. Engineer (17).

New Mexico 25B Luna: Columbus Electric Cooperative, Inc., Columbus, N. Mex., to Walker Construction Co., 515 E. Jefferson, Dallas, Texas, \$19,515.25 for the construction (labor only) of 50 miles of line to serve 81 members. Engineer (18).



North Carolina 21S&T Sampson, Section II: Four County Electric Membership Corp., Burgaw, North Carolina, to F. J. Seastrunk Electric Co., Columbia, South Carolina, \$370,928.61 for the construction of 306.9 miles of line to serve 921 members, plus the conversion of 79 miles of line. Engineer (3).

North Carolina 34K Anson: Pee Dee Electric Membership Corp., Wadesboro, North Carolina to Hunter Electric Co., Inc., Charlotte, North Carolina, \$2,450.00 for erection of a substation. Engineer (19).

North Carolina 49L&P Surry: Surry-Yadkin Electric Membership Corp., Dobson, North Carolina, to Roy Richards Construction Co., P. O. Box 88, Carrollton, Ga., \$450,300.13 for the construction of 285.4 miles of line to serve 1155 members plus the conversion of 50 miles of line. Engineer (19).

North Dakota 13H1 Foster: Tri-County Electric Cooperative, Inc., Carrington, N. D., to Arvig Brothers Construction Co., Wadena, Minn., \$70,490.25 for the construction (labor only) of 278 miles of line to serve 266 members. Engineer (20).

North Dakota 17M2 McHenry: Verendrye Electric Cooperative, Inc., Velva, N. D., to Sorkness Construction Co., Fargo, N. D., \$635,664.80 for the construction of 575 miles of line to serve 636 members. Engineer (21).

North Dakota 25E Morton: Mor-Gran-Sou Electric Cooperative, Inc., Flasher, N. D., to Reither Construction Co., Aitkin, Minn., \$243,849.85 for the construction of 249.4 miles of line to serve 228 members, plus the conversion of 14 miles of line. Engineer (22).

North Dakota 27C Emmons: KEM Electric Cooperative, Inc., Linton, N. D., to E. A. Reither, Minneapolis, Minn., \$86,493.90 for the construction (labor only) of 301 miles of line to serve 295 members. Engineer (20).

North Dakota 33C Stark: West Plains Electric Cooperative, Inc., Dickinson, N. D., to T. H. Vicars Co., Inc., Minot, N. D., \$316,906.68 for the construction of 254.9 miles of line to serve 274 members. Engineer (20).

North Dakota 38C1 Cavalier: Cavalier Rural Electric Cooperative, Inc., Langdon, N. D., to W. A. Patterson Co., 1816 Selby Ave., St. Paul 4, Minn., \$347,679.12 for the construction of 318 miles of line to serve 340 members. Engineer (23).

Ohio 88R Gallia, Section I: Buckeye Rural Electric Cooperative, Inc., Gallipolis, Ohio, to Commonwealth Electric Co., Inc., Washington, Ind., \$17,363.95 for labor only on system improvements consisting of 8.16 miles of new construction plus the conversion of 47 miles of line.

Oklahoma 25M Rogers: Verdigris Valley Electric Cooperative, Collinsville, Okla., to Triple-H Construction Co., P. O. Box 50, Linton, Ind., \$132,212.79 for the construction (labor only) of 291 miles of line to serve 464 members. Engineer (24).

Oklahoma 28K Pawnee: Indian Electric Cooperative, Inc., Cleveland, Okla., to B-Line Construction Co., 520 First National Bank Bldg., Oklahoma City, Okla., \$304,591.83 for the construction of 265 miles of line to serve 525 members. Engineer (25).



South Carolina 32K Calhoun: Tri-County Electric Cooperative, Inc., St. Matthews, South Carolina, to F. J. Seastrunk Electric Co., 1731 Harden St., Columbia, S. C., \$86,396.93 for the construction of 49 miles of line to serve 121 members, plus the conversion of 27 miles of line. Engineer (26).

South Dakota 3K Clay: Clay-Union Electric Corp., Vermillion, S. D., to Philard, Inc., Sioux Falls, S. D., \$17,055.56 for the construction (labor only) of 23 miles of transmission line. Engineer (27).

South Dakota 26B Gregory: Rosebud Electric Association, Winner, S. D., to George B. Determan and Sons, Melrose, Minn., \$254,775.35 for the construction of 241 miles of line to serve 219 members. Engineer (28).

South Dakota 31 Walworth: Cam-Wal Electric Cooperative, Inc., Selby, S. D., (2 contracts). C2 Section: to Zontelli Construction Co., Ironton, Minn., \$375,470.51 for the construction of 401.4 miles of line to serve 384 members; and C3 Section: to Zontelli Construction Co., Ironton, Minn., \$367,008.91 for the construction of 402.9 miles of line to serve 387 members. Engineer for both (21).

South Dakota 38A Dewey: Moreau-Grand Electric Cooperative, Inc., Timber Lake, S. D., to Hallett Construction Co., Crosby, Minn., \$287,403.10 for the construction of 204.4 miles of line to serve 526 members. Engineer (29).

South Dakota 39A2 Douglas: Douglas Electric Association, Inc., Armour, S. D., to K. L. Reither, Onamia, Minn., \$51,983.25 for the construction (labor only) of 246.5 miles of line to serve 430 members. Engineer (9).

Texas 114H Tom Green, Section II: Concho Valley Electric Cooperative, Inc., San Angelo, Texas, to Willis and Hinders, Box 204, Olney, Texas, \$33,984.50 for the construction (labor only) of 150 miles of line to serve 176 members. Engineer (30).

Texas 119E Kimble, Section I: Kimble Electric Cooperative, Inc., Junction, Texas, to William H. Alsup and Associates, Inc., Barnett-Madden Bldg., Jackson, Miss., \$61,724.20 for the construction (labor only) of 210.6 miles of line to serve 130 members. Engineer (31).

Texas 144B&D Kinney: Rio Grande Electric Cooperative, Inc., Brackettville, Texas (2 contracts). Section II: to Sisco Electric Co., Conroe, Tex., \$255,288.17 for the construction of 250 miles of line to serve 132 members; and Section III: to the B & C Construction Co., 1317 Arborvitae Ave., Dallas 16, Tex., \$347,290.97 for the construction of 185 miles of line to serve 195 members. Engineer for both (32).

Washington 8N Benton: Benton Rural Electric Association, Inc., Prosser, Wash., to Power City Electric Co., 920 N. Howard St., Spokane, Wash., \$15,718.69 for the construction (labor only) of 7.37 miles of 33 KV transmission line. Engineer (33).



PART II - APPROVED PRELIMINARY PLANS AND SPECIFICATIONS

Alabama 37E Morgan, Section II: (Final plans and specs.) Joe Wheeler Electric Membership Corp., Hartselle, Ala., 285.3 miles; 1,484 members. Engineer (34).

Florida 14Y Clay: Clay Electric Cooperative, Inc., Keystone Heights, Fla., 137.4 miles; 398 members. Engineer (4).

Kentucky 37P Owen: Owen County Rural Electric Cooperative Corp., Owenton, Ky., 20 miles of 69 kv transmission line. Engineer (35).

Kentucky 46N Harrison: Harrison County Rural Electric Cooperative Corp., Cynthiana, Ky., 24 miles of 69 kv transmission line. Engineer (36).

Kentucky 58G&H Floyd: Big Sandy Rural Electric Cooperative Corp., Paintsville, Ky., 206 miles; 1,140 members. Engineer (5).

Mississippi 40S&T Smith, Section I: (Final plans and specs.) Southern Pine Electric Power Association, Taylorsville, Miss., 350 miles; 1,111 members. Engineer (13).

Mississippi 56A Alcorn, Section I: (Final plans and specs.) Alcorn County Electric Power Association, Corinth, Miss., 108.8 miles; 500 members. Engineer (14).

New Mexico 8P Roosevelt: Roosevelt County Electric Cooperative, Inc., Portales, N. Mex., 64.4 miles; 101 members. Engineer (37).

Oklahoma 12P Alfalfa: Alfalfa Electric Cooperative, Cherokee, Okla., 142.35 miles including system improvements; 33 members.

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NAMES AND ADDRESSES OF SYSTEM ENGINEERS (Expl. Item 1, page 1.)

1. Mowbray Engineering Co., Greenville, Ala.
2. Wismer & Becker, 1219 28th St., Sacramento 16, Calif.
3. Southern Engineering Co., 699 Spring St., N. W. Atlanta 3, Ga.
4. E. P. McLean Engineering Co., 815 S. Main St., Moultrie, Ga.
5. Patterson & Dewar, Engineers, 208 Rutland Bldg., Decatur, Ga.
6. Henningson Engineering Co., Standard Oil Bldg., Omaha 2, Neb.
7. E. G. Skarshoug, Ames, Ia.
8. Stanley Engineering Co., Muscatine, Ia.
9. Raymond H. Reed & Co., 2305 $\frac{1}{2}$  13th St., Columbus, Neb.
10. W. E. Broadus, 420 W. Main St., Danville, Ky.
11. George C. Hengy & Co., 1007 $\frac{1}{2}$  Texas Ave., Shreveport, La.
12. C. J. Hastad, Halstad, Minn.
13. Bowman and Bowman, Box 518, Greenwood, Miss.
14. Allen and Hoshall, 85 McCall Place, Memphis, Tenn.
15. Frank Horton and Co., Lamar, Mo.
16. H. B. Gieb & Associates, 1005 Woodruff Bldg., Springfield, Mo.
17. Flora Engineering Co., 1717 E. Colfax, Denver, Colo.
18. Tynes & Loftin, 512 Heard Bldg., Phoenix, Ariz.
19. B. O. Vannort Engineers, Inc., 218 W. Second St. Charlotte 2, N. C.
20. Ulteig Engineering Corp., 1114 $\frac{1}{2}$  Front St., Fargo, N. D.
21. Banister Engineering Co., 1586 University Ave., St. Paul, Minn.
22. Associated Engineers, Bismarck, N. D.
23. General Engineering Corp., 2950 Chicago Ave., Minneapolis, Minn.
24. E. R. Taylor & Associates, 4107A E. 11th St. Tulsa, Okla.
25. A. C. Knesek, First National Bank Bldg., Cleveland, Okla.
26. McCall-Thomas Engineering Co., Inc., Box 727, Orangeburg, S. C.
27. Buell and Winter, 508 Insurance Exchange Bldg., Sioux City, Ia.
28. United Engineering Service, 2655 Huntington Ave., Minneapolis, Minn.
29. Scott Engineering Co., Watertown, S. D.
30. Freese & Nichols, 407 Danciger Bldg., Fort Worth, Tex.
31. J. H. Flood & Co., 707 Amicable Bldg., Waco, Tex.
32. Lodal & Associates, 1408 Transit Tower, San Antonio, Tex.
33. Inland Engineering Co., Box 768, Ritzville, Wash.
34. McWhorter & Franklin, Nashville, Tenn.
35. Blue Grass Engineers, Inc., 431 W. Short St., Lexington, Ky.
36. Painter Engineering Co., 841 Darley Drive, Lexington, Ky.
37. Southwest Engineers, 510 Transit Tower, San Antonio 5, Tex.



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